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**From:** Alvey, Robert [Alvey.Robert@epa.gov]  
**Sent:** 7/11/2014 6:04:58 PM  
**To:** Stern, David [David.Stern@arcadis-us.com]; sxscharf@gw.dec.state.ny.us; Stein, Carol [Stein.Carol@epa.gov]  
**CC:** Hannon, ED (AS) (Edward.Hannon@ngc.com) [Edward.Hannon@ngc.com]; Brian Caldwell [bcaldwell@Ensafec.com]; Fly, Lora B CIV NAVFAC MIDLANT, IPTNE (lora.fly@navy.mil) [lora.fly@navy.mil]; Metz, Chloe [Metz.Chloe@epa.gov]  
**Subject:** RE: Comprehensive sampling Northrop-Grumman/Navy

Thanks, David.

Clarification appreciated! We also accessed an electronic basemap submitted by the consultant for Rucco Polymers and are adding the locations for those wells. EPA will be using its own GIS section to develop the new map for our report.

Rob Alvey

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**From:** Stern, David [mailto:David.Stern@arcadis-us.com]  
**Sent:** Friday, July 11, 2014 1:54 PM  
**To:** sxscharf@gw.dec.state.ny.us; Alvey, Robert; Stein, Carol  
**Cc:** Hannon, ED (AS) (Edward.Hannon@ngc.com); Brian Caldwell; Fly, Lora B CIV NAVFAC MIDLANT, IPTNE (lora.fly@navy.mil)  
**Subject:** RE: Comprehensive sampling Northrop-Grumman/Navy  
**Importance:** High

All:

Just a point of clarification that Northrop Grumman has tasked ARCADIS to review/confirm and provide data on Northrop Grumman-owned wells, which we are presently undertaking. We will provide an edited version of the table that Brian Caldwell was kind enough to provide that highlights any changes to data and/or data sources when the effort is completed – please keep this in mind prior to populating databases with Northrop Grumman data.

Any questions can be directed to Mr. Ed Hannon of Northrop Grumman.

Thank you.

David E. Stern | Senior Hydrogeologist / Certified Project Manager | [david.stern@arcadis-us.com](mailto:david.stern@arcadis-us.com)

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ARCADIS, Imagine the result

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**From:** Brian Caldwell [<mailto:bcaldwell@Ensafec.com>]  
**Sent:** Friday, July 11, 2014 1:24 PM  
**To:** [sxscharf@gw.dec.state.ny.us](mailto:sxscharf@gw.dec.state.ny.us); [Alvey.Robert@epa.gov](mailto:Alvey.Robert@epa.gov); Stein, Carol ([Stein.Carol@epa.gov](mailto:Stein.Carol@epa.gov)); Fly, Lora B CIV NAVFAC MIDLANT, IPTNE ([lora.fly@navy.mil](mailto:lora.fly@navy.mil))  
**Cc:** Stern, David; Hannon, ED (AS) ([Edward.Hannon@ngc.com](mailto:Edward.Hannon@ngc.com))  
**Subject:** FW: Comprehensive sampling Northrop-Grumman/Navy

Steve:

Here is what we have in our database. There is a column added that provides the source of the coordinates; some coordinates are in lat long and others in state plane (that is how we store our data) depending on the data source. At the end of the file are the VPBs we have surveyed so far (137, 138, 139, 142, 144, and 148, along with associated wells).

Regards,  
Brian

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